

FIG. 1

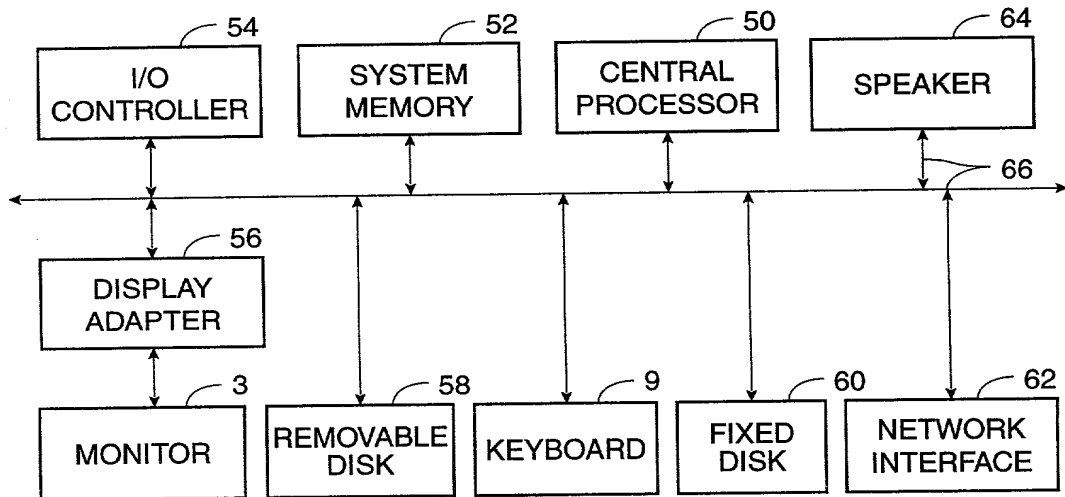


FIG. 2

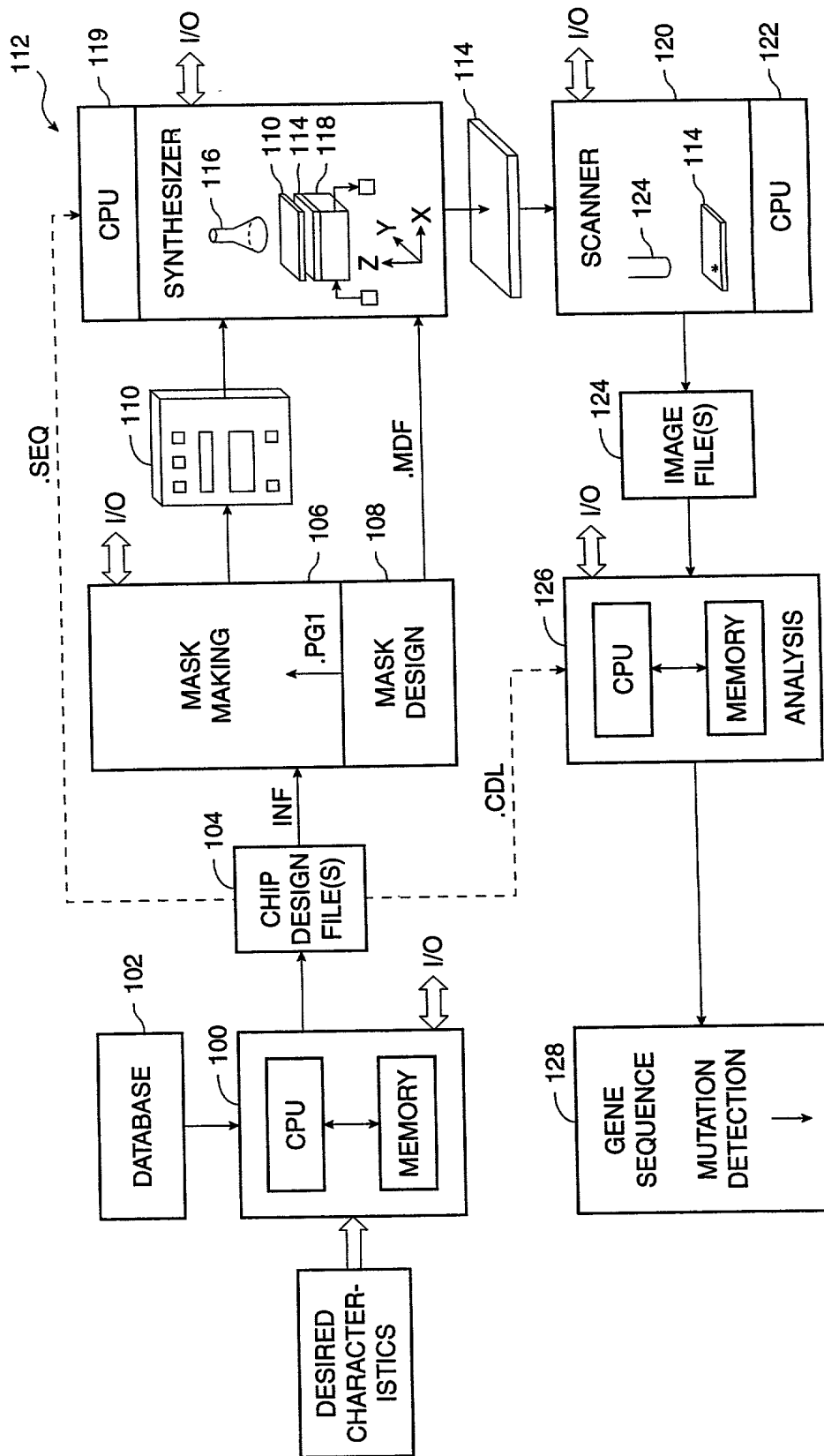


FIG. 3

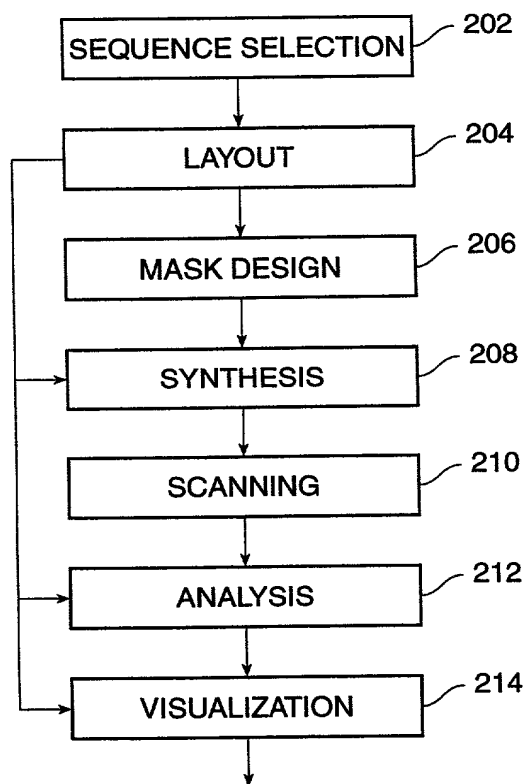


FIG. 4

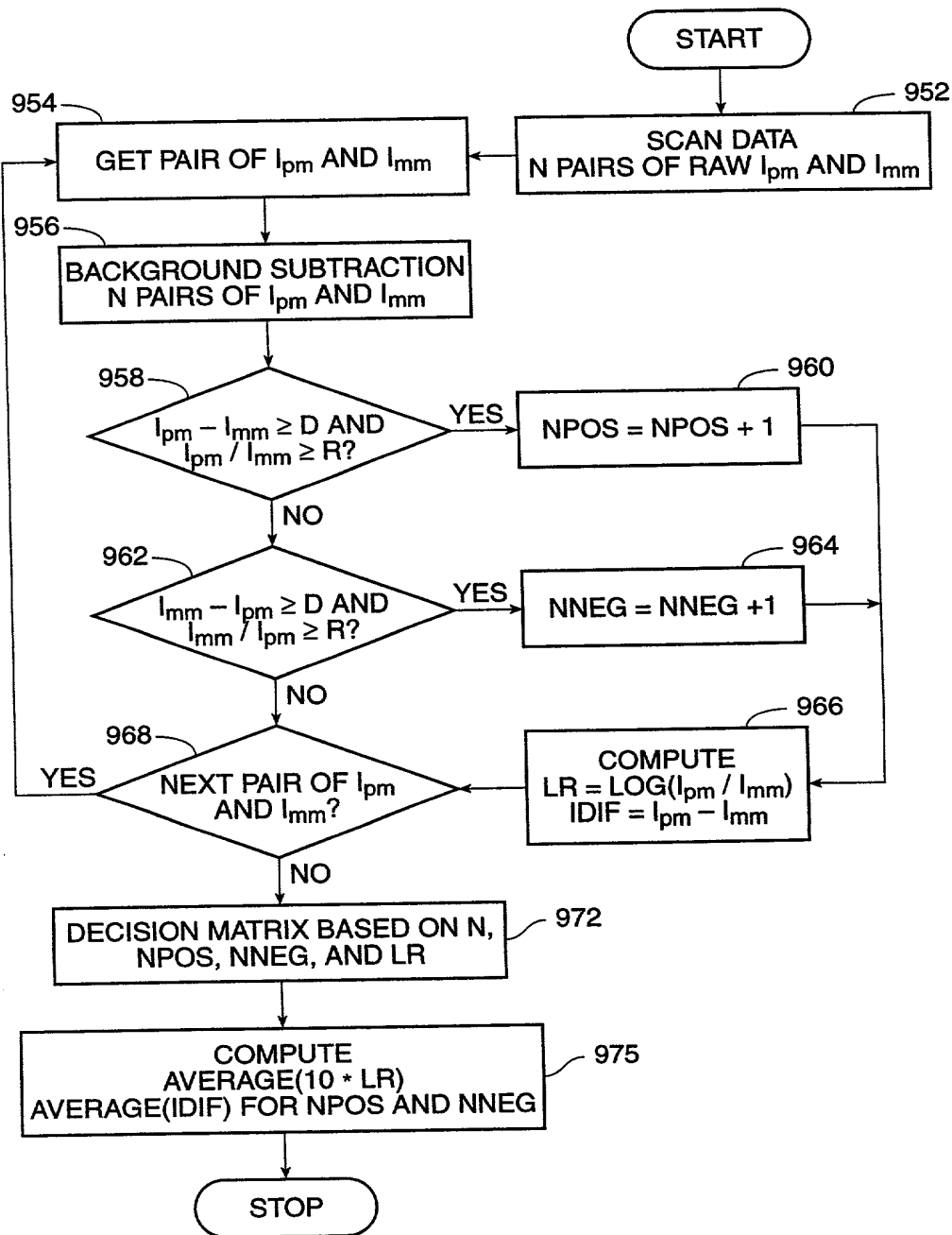


FIG. 5

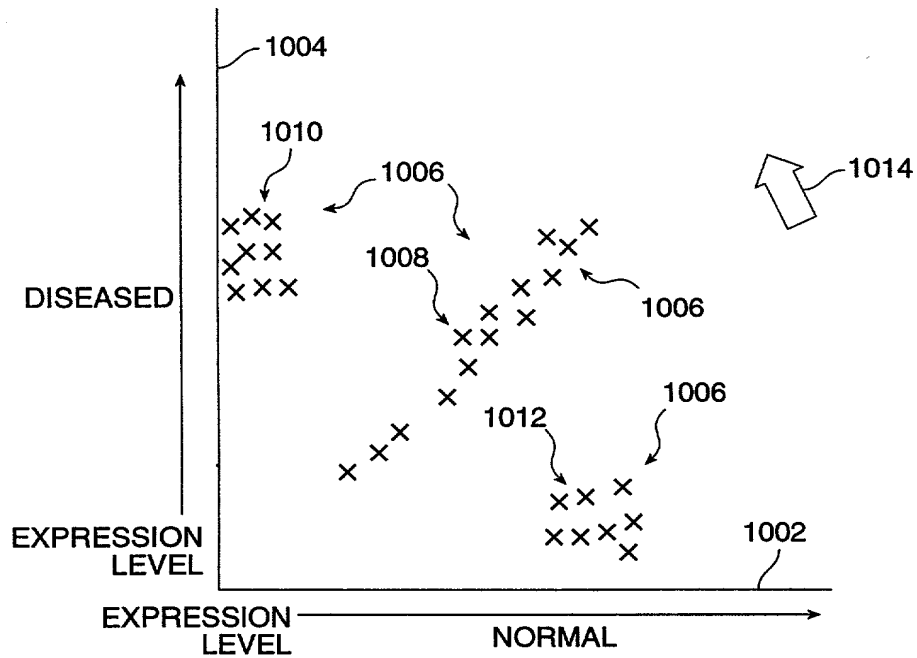


FIG. 6

CLUSTER	ACCESSION NUMBER	DESCRIPTION
Hsa.35	D11327	Human mRNA for protein-tyrosine phosphatase; complete cds.
702	704	706

FIG. 7A

http://www.ncbi.nlm.nih.gov/irx/cgi-bin/birx_doc?genbank+68169

LOCUS HUMLCPTP 2691 bp mRNA PRI 06-NOV-1992
 DEFINITION Human mRNA for protein-tyrosine phosphatase, complete cds.
 ACCESSION D11327
 NID g219901
 KEYWORDS protein-tyrosine phosphatase.
 SOURCE Human T cell, lambda-gt10 library, cDNA to mRNA.
 ORGANISM Homo sapiens
 Eukaryotae; mitochondrial eukaryotes; Metazoa; Chordata;
 Vertebrata; Mammalia; Eutheria; Primates; Catarrhini; Hominidae;
 Homo.
 REFERENCE 1 (bases 1 to 2691)
 AUTHORS Adachi,T., Sekiya,M., Isobe,M., Kumura,Y., Ogita,Z., Hinoda,Y.,
 Imai,K. and Yachi,A.
 TITLE Molecular cloning and chromosomal mapping of a human
 protein-tyrosine phosphatase LC-PTP
 JOURNAL Biochemical and Biophysical Research Communication 186, 1607-1615
 (1992)
 COMMENT Submitted (22-MAY-1992) to DDBJ by:
 Masaaki Adachi
 Sapporo Medical College
 S1W16 Chuo-ku
 Sapporo 060
 Japan
 Phone: 011-611-2111
 Fax: 011-613-1141.
 FEATURES
 source Location/Qualifiers
 1..2691
 /organism="Homo sapiens"
 /db_xref="taxon:9606"
 /cell_type="T cell"
 /clone_lib="lambda-gt10"
 gene 105..1187
 /gene="LC-PTP"
 CDS 105..1187
 /gene="LC-PTP"
 /codon_start=1
 /product="protein-tyrosine phosphatase"
 /db_xref="PID:d1002425"
 /db_xref="PID:g219902"
 /translation="MVQAHGGRSRAQPLTSLGAAMTQPPPEKTPAKKHVRLQERRGS
 NVALMLDVRSLGAVEPICSVNTPREVTLHFLRTAGHPLTRWALQRQPPSPKQLEEEFL
 KIPSNFVSPEDLDIPGHASKDRYKTIPLNPQSRVCLGRAQSQEDGDYINANYIRGYDG
 KEKVYIATQGMPNPTVSDFWEMVWQEEVSLIVMLTQLREGKEKCVHYWPTEETTYGPF
 QIRIQDMKECPEYTVRQLTIQYQEERRSVKHILFSAWPDHQTPEAGPLLRVAEEVEE
 SPETAAHPGPIVVHCSAGIGRTGCFIATRIGCQQLKARGEVDILGIVCQLRLDRGGMI
 QTDEQYQFLHHTLALYAGQLPEEPSP"
 misc_feature 444..1172
 /gene="LC-PTP"
 /note="single catalytic domain"
 polyA_signal 2667..2672
 polyA_site 2691
 BASE COUNT 652 a 816 c 707 g 516 t
 ORIGIN
 1 ggagacagac agacagctgg caagaggcag cctgggggcc acagctgctt cagcagacct
 61 catggctgag tgagcctccc ctggggccag caccaccctt cagcatgggtc caagcccctg
 121 gggggcgctc cagagcacag ccgttgacct tgtctttggg gccagccatg acccagcctc
 181 cgcctgaaaa aacgccagcc aagaagcatg tgcgactgca ggagaggcgg ggctccaatg
 241 tggctctgat gctggacgtt cgggtccctgg gggccgtaga acccatctgc tctgtgaaca
 301 caccgccgga ggtcacccta cactttctgc gcaactgctgg acaccacctt acccgctggg
 361 cccttcagcg ccagccaccc agccccaagc aactggaaga agaattcttg aagatccctt
 421 caaactttgt cagccccgaa gacctggaca tccctggcca cgcctccaag gaccgatata
 481 agaccatctt gccaaatccc cagagccgtg tctgtctagg ccgggcacag agccaggagg...

FIG. 7B